

## Section 260

Where the Contractor requests permission to use salvageable material in other parts of the work and such material has been intended for use in the construction of embankments, the Engineer may permit such use provided the Contractor furnishes at no cost to the Department an adequate quantity of material for embankment construction to replace the material used in all other parts of the work.

Dispose of all materials that cannot be used in the work in accordance with Section 802.

### 250-3 MEASUREMENT AND PAYMENT

*Removal of Existing Asphalt Pavement* will be measured and paid in square yards of existing asphalt pavement actually removed and disposed of properly. Removal of existing asphalt pavement will be measured by actual surface measurement of the asphalt pavement before its removal.

*Removal of Existing Concrete Pavement* will be measured and paid in square yards of existing concrete pavement actually removed and disposed of properly. Removal of existing concrete pavement will be measured by actual surface measurement of the concrete pavement before its removal.

*Breaking of Existing Concrete Pavement* will be measured and paid in square yards of existing concrete pavement actually broken up and left in place. The quantity will be determined by actual surface measurement of the pavement before breaking it up.

*Breaking of Existing Asphalt Pavement* will be measured and paid in square yards of existing asphalt pavement actually broken up and left in place. The quantity will be determined by actual surface measurement of the pavement before breaking it up.

Where the pavement removed or broken up is a combination of layers of both asphalt and concrete pavement, payment will be made at the contract unit price per square yard for *Removal of Existing Concrete Pavement* or *Breaking of Existing Concrete Pavement*.

Where the pavement removed is a combination of layers of both asphalt and concrete pavement and an item is not established for concrete pavement removal, the cost of removing the combination of layers of asphalt and concrete will be made in accordance with Article 104-7.

Payment includes, but is not limited to, breaking up, removing and disposing of existing concrete or asphalt pavement, including paved shoulders and removing any temporary roadway pavement structure placed during construction to serve as a detour.

This work does not include pavement removal for pipe installation; removing and disposing of sidewalks, driveways, curb and gutter; traffic islands and parking areas; or any other incidental paved structures that are not part of a roadway pavement structure.

Payment will be made under:

Pay Item	Pay Unit
Removal of Existing Asphalt Pavement	Square Yard
Removal of Existing Concrete Pavement	Square Yard
Breaking of Existing Concrete Pavement	Square Yard
Breaking of Existing Asphalt Pavement	Square Yard

## SECTION 260 PROOF ROLLING

### 260-1 DESCRIPTION

Furnish and operate at the direction of the Engineer, heavy pneumatic tired compaction equipment for compacting the roadbed and testing the roadbed for stability and uniformity of compaction.

**260-2 EQUIPMENT**

Provide equipment with the following features:

- (A) Four rubber tired wheels mounted on a rigid steel frame,
- (B) Wheels evenly spaced in one line across the width of the roller and arranged so that all wheels will carry approximately equal loads when operated over an uneven surface,
- (C) Maximum center to center spacing between adjacent wheels is 32",
- (D) Load capacity from 48 to 50 tons unless otherwise permitted in writing,
- (E) Cover or construct the loaded roller to not trap water that will add weight to the ballast,
- (F) Other equipment of equal or better effectiveness may be substituted with written permission, and
- (G) Tire pressures shall be between 68 and 72 psi unless otherwise permitted in writing. Inflate tires with air only; use no liquid.

Provide ballasts consisting of bulk sand, bulk stone, bags of sand, stone or other materials of known unit weight such that the total weight of the ballast used can be readily determined at all times. Provide a sufficient amount of ballast to load the equipment to a maximum gross weight of 50 tons.

Use rubber tired or other types of tractive equipment for operation of this equipment on the roadbed. The entire assembly including motivating equipment shall be capable of executing a 180° turn on a 27 ft wide area.

**260-3 CONSTRUCTION METHODS**

After the roadbed has been completed within 0.5 ft of final grade, compact and test the roadbed with one coverage, unless otherwise directed, with a heavy pneumatic tired roller in accordance with Article 260-2. Coverage is considered that stage in the rolling procedure when the entire width of the area being proof rolled has been in contact with the pneumatic tires of the roller. Operate the roller systematically so the number of coverages over all areas to be proof rolled can be readily determined and recorded.

Operate the equipment at a speed between 225 ft/min and 300 ft/min. Perform proof rolling only in the presence of the Engineer. Proof roll areas again following the completion of the necessary corrections.

Protect all structural facilities on the project, such as, but not limited to, bridges, box culverts, pipe culverts and utilities, from damage by the proof rolling equipment. Protection may include unloading and reloading of the roller, detouring, protective earth pads or other suitable measure to avoid damage.

**260-4 MEASUREMENT AND PAYMENT**

*Proof Rolling* will be measured and paid as the actual number of hours, measured to the nearest 0.1 hour, during which the heavy pneumatic tired roller has been engaged in proof rolling in the presence of the Engineer, exclusive of hours of proof rolling performed following corrective action made necessary by the negligence of the Contractor or by weather.

Corrective work necessary, as determined by proof rolling, and not due to negligence of the Contractor or to weather, will be paid at the applicable contract unit prices or as extra work, whichever may apply.

Proof rolling after corrective work will be at no cost to the Department if the corrections are necessary due to the negligence of the Contractor or weather.

Payment includes furnishing all labor, equipment, fuel and ballast for loading, loading and unloading ballast as directed and increasing and decreasing tire pressure as directed.

## Section 265

1 Payment will be made under:

**Pay Item**  
Proof Rolling

**Pay Unit**  
Hour

## SECTION 265

### SELECT GRANULAR MATERIAL

#### 265-1 DESCRIPTION

2 Furnish and place select granular material in accordance with the contract and as directed.

#### 265-2 MATERIALS

3 Refer to Division 10.

#### Item

Select Material, Class II  
Select Material, Class III

#### Section

1016  
1016

#### 265-3 CONSTRUCTION METHODS

4 Use only Class III select material for embankments in water.

5 Place select granular material up to 3 ft above geotextile for soil stabilization and the water level.

#### 265-4 MEASUREMENT AND PAYMENT

6 Select granular material will be paid as *Select Granular Material* unless the material is obtained from the same source as the borrow material and the contract includes a pay item for *Borrow Excavation*. When this occurs, *Select Granular Material* will be paid at the lower bid price per cubic yard for either *Borrow Excavation* or *Select Granular Material*.

7 *Select Granular Material* will be measured and paid in cubic yards. When undercut excavation is in accordance with Section 226 and the Engineer requires undercut to be backfilled with select granular material, the second sentence of the sixth paragraph of Article 226-3 will not apply, as payment for the backfill will be made as described in this article.

8 *Select Granular Material* will be measured by in place measurement in accordance with Article 230-5 or by weighing material in trucks in accordance with Article 106-7 as determined by the Engineer. When select granular material is weighed in trucks, a unit weight of 135 lb/cf will be used to convert the weight of select granular material to cubic yards. At the Engineer's discretion, truck measurement in accordance with Article 230-5 may be used instead of weighing material in trucks.

9 The contract unit prices for *Select Granular Material* and *Borrow Excavation* as described above will be full compensation for providing, transporting, handling, placing, compacting and maintaining select granular material.

10 Payment will be made under:

**Pay Item**  
Select Granular Material

**Pay Unit**  
Cubic Yard

## SECTION 270

### GEOTEXTILE FOR SOIL STABILIZATION

#### 270-1 DESCRIPTION

11 Furnish and place geotextile for soil stabilization in accordance with the contract and as directed.